

# XP-002097795

1/1 - (C) WPI / DERWENT  
 AN - 72-65506T ç41!  
 PR - SU70 439308 700522  
 TI - Cellulose esters - by treating cellulose with a simple  
 or mixed alkylating agent and sulphating with a  
 fluorosulphonate  
 IW - CELLULOSE TREAT CELLULOSE SIMPLE MIX ALKYLATED AGENT  
 SULPHATED FLUOROSULPHONATE  
 PA - (MOS -N) MOSCOW GUBKIN PETROCHEMIC  
 PN - SU328094 A 000000 DW7241 000pp  
 ORD - 1900-00-00  
 IC - C08B13/00  
 FS - CPI  
 DC - A11  
 AB - SU-328094 Cellulose esters are prepd. by treating  
 cellulose with an alkylating, hydroxyalkylating or  
 carboxymethylating agent in aq. alkali, and the  
 sulphate group introduced by simultaneous or subsequent  
 treatment with ammonium or alkali metal fluorosulphate,  
 e.g. in an organic solvent such as benzene plus  
 ethanol. The products have improved solubility in  
 various solvents. Thus a methyl cellulose dissolves in  
 water at a degree of substitution of 170, and  
 cellulose sulphate at one of 45, while methyl cellulose  
 sulphate does so when the degree of substitution by  
 methoxy groups is 26, and by sulphate groups 12.